Coachella Valley
East Contra Costa
Orange - Central/Coastal
Palos Verdes Peninsula
San Diego MSCP or MHCP
Western Riverside
Southern California Plans

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200	9								
									Monitoring and Assessment
			х					Nature Reserve of Orange County	Monitoring Cactus Wren Reproduction, Dispersal and Survival
					х			San Diego Association of Governments	Monitoring and Adaptive Management
			x					Irvine Ranch Conservancy	An Efficient Monitoring Framework and Methodologies for Adaptively Managing Human Access on NCCP Lands and Other Reserves in Southern California
					х			San Diego Association of Governments	1 0 11 0
									Management and Restoration
		х						East Contra Costa Habitat Conservancy	Riparian Restoration in East Contra Costa County
				x				Palos Verdes Peninsula Land Conservancy	Wildfire Recovery: Restoration and Monitoring for Portugese Bend Reserve
									Technology and Communications
								Coachella Valley Association of	
	х							Governments	NCCP Implementation Workshop and Land Acquisition Tracking Module

\$576,000

2008						
						Monitoring and Assessment
	х				Coachella Valley Conservation Commission	Burrowing Owl Monitoring
						Management and Restoration
			х		Irvine Ranch Conservancy	Cactus Scrub Restoration
		х			East Contra Costa Habitat Conservancy	Wetland and Stream Restoration and Creation
			х		Nature Reserve of Orange County	Invasive Plant Removal in Santiago Fire Area
			х		Nature Reserve of Orange County	Cactus Wren Habitat Linkage Restoration

\$569,600

2007							
							Monitoring and Assessment
		х				East Contra Costa Habitat Conservation Plan Association	Assessment of historical ecology of the plan area plus agency coordination necessary to stimplementing the plan
			х			Nature Reserve of Orange County	Surveying and mapping of the Central Reserve for cactus wrens and cactus scrub to assecuses for declining population.
				x		Palos Verdes Peninsula Land Conservancy	Vegetation mapping of the preserve and surrounding areas using DFG/CNPS VegCamp methodology
				x		The Urban Wildlands Group	Studies prior to a reintroduction effort on the genetic diversity of the captive population of F Verdes Blue Butterfly and the role of vibrational communication in interspecific interactions
	Х					Coachella Valley Association of Governments	Calibration of a habitat suitability model for the pocket mouse on the Coachella Valley floor using historical data and new surveys
							Management and Restoration
					х	Center for Natural Lands Management	Construction of 24 artificial burrows in grassland study plots and study of 3 grassland management treatments on burrowing owls and Stephen's kangaroo rat.
		х				East Contra Costa County Habitat Conservancy	Wetland restoration feasibility analysis, site selection, design, and compliance using an existing wetland assessment plus initiation of construction
			х			Nature Reserve of Orange County	Conceptual model for the potential distribution of Tecate Cypress and identification of data gaps. Tecate Cypress management plan and fire management strategy
			х			Nature Reserve of Orange County	Restoration of cactus scrub for cactus wren and study on the use of artificial nest structures
\$368,690		<u> </u>	<u> ^</u>	<u> </u>			1. Control of the con

2006								
								Monitoring and Assessment
		х					East Contra Costa Habitat Conservation Plan Association	Assessment of historical ecology of the plan area plus agency coordination necessary to simplementing the plan
	х						Coachella Valley Association of Governments	Biological monitoring of Aeolian sand community species, including interactions that restrict the population growth potential of focal species
					х		San Diego Association of Governments	Development of individual field monitoring protocols for rare plants covered by the San Die MSCP
					х		San Diego State University	Development and evaluation of a strategy to begin monitoring in the field and analyzing th acquired data
								Management and Restoration
						х	Western Riverside County Regional Conservation Authority	Management of burrowing owl populations
428,596		<u> </u>	<u> </u>	1		<u> ^ </u>	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 100 100 100 100 100 100 100 100 100 1

2005						·		
								Monitoring and Assessment
	х						Coachella Valley Association of Governments	Assessment of mustard infestation in sand dune ecosystem
					х		City of San Diego	Revision of animal protocols in the the MSCP Biological Monitoring Plan
								Management and Restoration
					х		City of San Diego	Mission Trails Management Plan
				х			Palos Verdes Peninsula Land Conservancy	Management plan for reserve
								Governance
		х						Creation of local ordinances, drafting of the Implementing Entity JPA, and summarizing of implementation responsibilities
\$558,800								
2004								
								Management and Restoration
					Х		San Diego State University	Revision of the MSCP Biological Monitoring Plan
			х				Nature Reserve of Orange County	Management of reserve lands at El Toro
						х	Riverside County Park and Open Space District	Immediate management of newly acquired NCCP preserve lands
								Governance
						х	Riverside County	Preparation of materials and training for cities in implementing MSHCP
\$599,936				•				

2003						
						Monitoring and Assessment
			х		City of San Diego - Planning	Revision of the MSCP Biological Monitoring Plan
					x Wildlife Research Institute, Inc.	Amendment to raptor survey techniques and training program for raptor biologists
			х		Wildlife Research Institute, Inc.	Monitoring of raptor species in San Diego MSCP
						Management and Restoration
			х		County of San Diego	Quino Checkerspot Butterfly Habitat Enhancement Study
			х		City of San Diego	Marron Valley Management Plan
			х		City of San Diego	Spring Canyon vernal pool fencing project for emergency habitat protection
				х	Riverside County Park and Open Space District	Immediate management of newly acquired NCCP preserve lands
						Technology and Communications
			х		San Diego Association of Government	HabiTrak enhancements and maintenance for San Diego County jurisdictions

\$450,121

2002							
							Monitoring and Assessment
	х					Coachella Valley Association of Governments	Coachella Valley MSCHP/NCCP Biological Monitoring Project
			х			Wildlife Research Institute, Inc.	Raptor monitoring
					х	San Diego State University Foundation	Additional Support for "Creating an Index of Biological Integrity for Coastal Sage Scrub: A To for Habitat Quality Assessment and Monitoring"
							Management and Restoration
			х			City of San Diego - Planning	Burrowing Owl Den Enhancement, Management and Monitoring Plan
			х			City of San Diego - Parks	Tecolote Canyon Natural Park Draft Natural Resource Management Plan
							Technology and Communications
				х		County of Riverside, Transportation and Land Management Agency	Re-engineering and implementation of HabiTrak for Riverside County
·			х			City of San Diego - Planning	GIS Management and Monitoring Database: Phase 2
			х			San Diego Association of Governments	HabiTrak enhancements and maintenance for San Diego County jurisdictions

\$572,094

2001							
							Monitoring and Assessment
			х			City of Chula Vista	Baseline Biological Study for approximately 1,350 acres of habitat preserve land in the Chu Vista Central City Preserve Management Area
					х	San Diego State University Foundation	Additional Support for "Creating an Index of Biological Integrity for Coastal Sage Scrub: A for Habitat Quality Assessment and Monitoring"
			х			San Diego State University Foundation	Refinement of herpetofauna monitoring and management protocols within the MSCP
			х			County of San Diego	Habitat Surveys and Population Monitoring of Arroyo Southwestern Toads and Pacific Pon Turtles
			х			County of San Diego	Bat surveys of selected MSCP/NCCP reserves in San Diego County
							Management and Restoration
			х			City of Chula Vista	Three Area-Specific Management Directives Covering Approximately 450 Acres Each of Habitat Perserve Land in the Chula Vista Central City Preserve Management Area
			х			City of San Diego	San Diego Thornmint Weed Eradication
			х			City of San Diego	San Diego River Management Plan
			х			County of San Diego - Parks and Recreation	San Vicente Property MSCP Framework Management Plan, Area Specific Management Directives Development Project, and Fire Management Plan Project
				х		Riverside County Park and Open Space District	Testing & Evaluation of Alternate Methods of Restoring Wildlife Habitat on Previously Farm Portions of the Johnson Ranch Conservation Property
							Technology and Communications
				х		County of Riverside Transportation and Land Management Agency	Investigating the Use of HabiTrak, a GIS Habitat Tracking Tool, to Monitor Habitat Losses Gains in the Riverside County Multiple Species Habitat Conservation Planning Area
					х	The Nature Conservancy	Evaluating NCCP Connectivity Using Simulation Modeling of Carnivore Movement
			х			San Diego Natural History Museum	Bird Atlas of San Diego County - Web Site to Provide Public Access to Data, Maps, Interpretations, and Analyses

\$1,450,000

2000					
					Monitoring and Assessment
	х			The Nature Conservancy	Vegetation Mapping Update - Coastal Orange County
		х		City of San Diego	Rare Plant Monitoring at Black Mountain
		х		City of San Diego	Burrowing Owl Monitoring
		х		City of San Diego	Monitoring Herps and Ants at New Sites (Carmel Mountain and Del Mar Mesa)
		х		County of San Diego	Sensitive Plant Monitoring (Boulder Oaks, Hollenbeck Canyon, Boys and Girls Club)
		х		County of San Diego	Gnatcatcher Distribution Study - Lakeside Area
			х	Wildlife Research Institute, Inc.	Raptor Monitoring
			х	Conservation Biology Institute	Regional Wildlife Corridor Monitoring
		х		Conservation Biology Institute	Wildlife Corridor Monitoring (City and County of San Diego)
		х		Conservation Biology Institute	MSCP Monitoring Coordination (continuation)
			х	San Diego State University	Index of Biological Integrity for Coastal Sage Scrub:
	х			Orange County	Herp Monitoring within the Coastal/Central Subregion
	х			Orange County	Gnatcatcher and Cactus Wren Annual Monitoring
	х			Orange County	Monitoring Avian Productivity and Survivorship
	х			Orange County	Pitfall Trapping of Ants in Coastal and Central Subregions
					Management and Restoration
	х			Orange County	Artichoke Thistle Control
		х		City of San Diego	Lopez Canyon Willowy Monardella Protection
		х		City of San Diego	Habitat Management Plan for City Lands in San Pasqual Valley
	х			Orange County	Coastal Sage Scrub Salvage and Restoration
		х		City of San Diego	Coastal Sage Scrub Restoration - San Pasqual Brammer Lease
					Technology and Communications
		х		San Diego Association of Governments	Maintenance and Enhancement of Habitrak
		х		Conservation Biology Institute	Website for San Diego MSCP

\$1,572,993